




IPW

PATENT  
Docket No. Intel/17226

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicants: Nanja et al.	)	I hereby certify that this paper is
	)	being deposited with the United
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Serial No.: 10/659,457	)	sufficient postage as first class
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	)	Commissioner for Patents, P.O.
Filed: September 10, 2003	)	Box 1450, Alexandria, VA 22313-
	)	1450 on this date:
	)	
For: "Methods and Apparatus for Dynamic	)	<b>March 16, 2005</b>
Best Fit Compilation of Mixed Mode	)	
Instructions"	)	
	)	Mark C. Zimmerman
Group Art Unit: 2122	)	Registration No. 44,006
	)	Attorney for Applicant(s)
Examiner: Not yet assigned	)	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The documents listed on the enclosed PTO Form-1449 are submitted pursuant to  
37 CFR §§ 1.56, 1.97, and 1.98. Copies of these documents enclosed.

Submitted herewith is a copy of an Official Search Report of the European Patent  
Office in parent/counterpart foreign application Number PCT/US2004/029083 filed  
August 9, 2004.

### **TIME OF FILING**

This information disclosure statement is being filed, to the best of the undersigned's knowledge, before the mailing date of a first Office action on the merits. In accordance with 37 CFR §1.97(b), no certification or fee is required.

### **METHOD OF PAYMENT**

No fee is required.

The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 50-2455. A copy of this paper is enclosed.

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**March 16, 2005**

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Form PTO-1449 (Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

Intel/17226

10/659,457

Applicant

Nanja et al.

Filing Date

09-10-03

Group Art Unit

2122

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C01	<i>International Search Report for International Patent Application Serial Number PCT/US2004/029083</i> ; mailed February 7, 2005; 4 pages.
C02	<i>Written Opinion of the International Searching Authority for International Patent Application Serial Number PCT/US2004/029083</i> ; mailed February 7, 2005; 7 pages.
C03	Krishnaswamy et al., "Profile Guided Selection of ARM and Thumb Instructions," Sigplan Notices ACM USA, Vol. 37, No. 7, July 2002; pages 56-64.
C04	Krishnaswamy et al., "Mixed-Width Instructions Sets," Communications of the Association for Computing Machinery, Association for Computing Machinery, New York, Vol. 46, No. 8, August 2003; pages 47-52.
C05	Fischer et al., "Optimal Mixing of 16 bit and 32-bit computer codes by means of "Codebalance",", Elektronik Weka-Fachzeitschriften Germany, Vol. 48, No. 19, September 21, 1999; pages 96-99.
C06	Halambi et al., "An Efficient Compiler Technique for Code Size Reduction Using Reduced Bit-Width ISAs", Proceedings 2002 Design, Automations and Test in Europe Conference and Exhibition IEEE Computer Society, Los Alamitos, California, March 2002; pages 402-408.
C07	Delsart et al., "JCOD: a Lightweight Modular Compilation Technology for Embedded Java", Lecture Notes in Computer Science, Springer Verlag, New York, New York, Vol. 2491, October 2002; pages 197-212.
C08	Clark D: "Mobile Processors Begin to Grow Up", Computer IEEE Computer Society USA, Vol. 35, No. 3, March 2002; pages 22-25.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.